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 TI Surface hardening treatment  
 IN Matsushima, Yoshitake; Abe, Satoshi; Kuramoto, Hiroshi  
 PA Kobe Steel Ltd, Japan  
 SO Jpn. Kokai Tokkyo Koho, 7 pp.  
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08053711	A2	19960227	JP 1994-189646	19940811
AB	Steels contg. .gtoreq.0.5% Si or .gtoreq.1.6% Cr are surface hardened by (1) forming into prescribed shapes, (2) shot <b>peening</b> by shot of grain size .gtoreq.0.1 mm and injection speed .gtoreq.20 m/s, and (3) carburization, <b>nitridation</b> , or carbonitridation. The surface of steel strips may be treated by pickling with aq. soln. contg. .gtoreq.5% inorg. acids.				